L Number	Hits	Search Text	DB	Time stamp
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		*5974373* *5991718* *5644634* *5687243* *5694466* *5809133* *6188982* *6262943* *6415253*	EPO; JPO;	İ
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17	0	(((("5806025" "5937377" "5325318" "5588053" "5963899" "6088668" "6317709" "6411927" "5012519"	USPAT;	2004/03/23 06:41
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22	40	704/.ccls. and noise and gain with (calculat\$8 adjust\$4 comput\$8) same class\$8	USPAT;	2004/03/23 06:42
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24	0	(((704/.ccls, and noise and gain with (calculat\$8 adjust\$4 comput\$8) same class\$8)) and (@ad @pd	USPAT:	2004/03/23 06:43
	0	@prad/<=2000830) and gain with adjust\$4 with class\$8	US-PGPUB:	200-700/20 00:40
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26	0	(((704/.ccls. and noise and gain with (calculat\$8 adjust\$4 comput\$8) same class\$8)) and (@ad @pd @prad)<=20000830) and gain with adjust\$4 with ((class\$8 voi\$4e unvoic\$4) and pitch)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/23 06:43
29	24	(((("5806025" "5937377" "5325318" "5588053" "5963899" "6088668" "6317709" "6411927" "5012519" "6097820" "5528723" "5752226" "6032114" "5668927" "5771486" "5796818" "5812970" "5952957" "5974373" "5991718" "5644634" "5687243" "5684466" "5809133" "6188982" "6262943" "6415253" "6523003" "6529868" "6591234" "6671667" "4630305" "4628529" "4811404" "4768203" "5544250" "55666429" "5511081" "55464595" "5659622" "5687191" "6122384" "6230122" "4250470" "4513426" "5289501" "5483557" "5794199" "5809453" "5978760"),pn.  ) 09/851,476) and (@ad @pd @prad)<-20000830) and time adj domain and frequency adj domain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 06:44
3	32		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 06:45
7	15	(((("5806025" "5937377" "5325318" "5588053" "5963899" "6088668" "6317709" "6411927" "5012519" "6097820" "5528723" "5752226" "6032114" "5668927" "5771486" "5796818" "5812970" "595257" "5991718" "5694638" "56947243" "5694466" "5809133" "6189892" "6262939" "6415253" "6523003" "6529868" "6591234" "6671667" "4630305" "4628529" "4811404" "4768203" "5544250" "5666429" "5511081" "5546455" "5659622" "5687191" "6122384" "6230122" "4250470" "4513426" "5289501" "5483557" "5794199" "5809453" "5978760").pn. ) 09/651,476) and (@ad @pd @prad)<=20000830) and suppress\$4 and noise and ((signal with noise with ratio) or SNR) and class\$10 and gain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 06:45
8	8	((((("5806025" "5937377" "5325318" "5588053" "5963899" "6088668" "6317709" "6411927" "5012518" "6097820" "5528723" "5752226" "6032114" "5668927" "5771486" "5796818" "5812970" "5952957" "5974373" "5991718" "5644634" "5687243" "5659466" "5809133" "6188982" "5262943" "6415253" "65230035" "4628529" "4811444" "4768203" "5544250" "55866429" "5511081" "559868" 5691234" "6671687" "4630305" "4628529" "4811444" "4768203" "5544250" "5666429" "5511081" "5546459" "5699622" "5687191" "6122384" "6230122" "4250470" "4513426" "5289501" "5483557" "5794199" "5809453" "5978760"),pn. ) 09/651,476) and (@ad @pd @prad)<=20000830) and suppress\$4 and noise and ((signal with noise with ratio) or SNR) and class\$10 and gain )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 06:45
9	5	(((("5806025" "5937377" "5325318" "5588053" "5963899" "6088668" "6317709" "6411927" "5012519" "6097820" "5528723" "5752226" "6032114" "5668927" "5771486" "5796818" "5812970" "5952957" "5974373" "5991718" "5644654" "5687243" "5684650" "5809133" "6188982" "6262943" "6415253" "6523003" "6529868" "6591234" "6671667" "4630305" "4628529" "4811404" "4768203" "5544250" "5666429" "5511081" "5546459" "5659622" "5687191" "6122384" "6230122" "4250470" "4513426" "5289501" "5483557" "5794199" "5809453" "5978760").pn. ) 09/651,476) and (@ad @pd @prad)<=20000830) and suppress\$4 and noise and ((signal with noise with ratio) or SNR) and class\$10 and gain ) and channels	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 06:45

10	1	[(((("5806025" "59.93" "5525318" "5588053" "5963899" "6088668" "6317709" "6411927" "5012" "6097820" "5528723" "5752226" "6032114" "5688927" "5771488" "5796818" "5812970" "5952957" "5974373" "5991718" "5844634" "5887243" "5694468" "5809133" "6188982" "622943" "6415253" "6523003" "6529868" 6591234" "6871667" "4630305" "4628529" "4811404" "4768203" "5544250" "5868425" "5511081" "5546459" "6559622" "5659622" 5687191" "6122384" "6230122" "4250470" "4513426" "5289501" "5483557" "5794199" "5809453" "5978760").pn. ) 09/651,476) and (@ad @pd @prad)<=20000830) and suppress\$4 and noise and ((signal with noise with ratio) or SNR) and class\$10 and gain ) and pitch with (correlat\$4 associat\$4 relat\$8 correspond\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TOB	2004/03/23 06:45
11	5	((((("5806025" "5937377" "5325318" "5588053" "5963899" "6088668" "6317709" "6411927" "5012519" "6097820" "5528723" "5752226" "6032114" "5668927" "5771486" "5796818" "5812970" "5952957" "5974373" "5991718" "5644634" "5687243" "5694466" "5809133" "6188982" "6262943" "6415253" "6523003" "6529868" "6591234" "6671657" "4630305" "4826529" "4811404" "4768203" "5544250" "5566429" "5511081" "5544250" "5659822" "581191" "6122384" "6230122" "4250470" "4513426" "5289501" "5493557" "5794199" "5809453" "5978760"), pn. ) 09/651,476) and (@ad @pd @prad)<=20000830) and suppress\$4 and noise and ((signal with noise with ratio) or SNR) and class\$10 and gain ) and estimat\$6 with pitch	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 06:45
12	13	((((("5806025" *5937377" *5325318" *5588053" *5963899" *6088688" *6317709" *6411927" *5012519" *6097820" *5528723" *5752226" *6032114" *5668927" *5771486" *5796818" *5812970" *5952957" *5974373" *5991718" *5644634" *5687243" *568426" *5809133" *6188982" *6262943" *6415253" *6523003" *6529868" *6591234" *6871667" *4630305" *4628529" *4811404" *4768203" *5544250" *5866429" *5511081" *5544250" *5866429" *5511081" *5544550" *589501" *5483557" *5794199" *5809453" *5978760").pn. ) 0.9/651,476) and (@ad @pd @prad)<=20000830) and suppress\$4 and noise and ((signal with noise with ratio) or SNR) and class\$10 and gain ) and estimat\$6 with (pitch frequency)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 06:45
13	76	db adj domain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/23 06:45
14	3	(db adj domain) and 704/.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/23 06:45
15	3	((db adj domain) and 704/.ccls.) and db with domain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 06:45

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30	8	"6097820" "5528723" "5752226" "6032114" "5686927" "5771486" "5796818" "5612970" "5952957"  "5974373" "5991718" "5644634" "5687243" "5694466" "5809133" "6188982" "8282943" "8412523"  "6523003" "6529868" "6591234" "6671667" "4633035" "4628529" "4811404" "4768203" "5544250"  "5668429" "5511081" "5546459" "5659622" "5687191" "6122384" "6230122" "4250470" "4513426"  "5289501" "5483557" "5794199" "5809453" "5978760").pn.  ) 09/651,476) and (@ad @pd @prad) <=20000830) and (time adj domain and frequency adj domain) with	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 06:45
31	14	conver\$6   (((((*5080625" *5937377" *5325318" *5588053" *5963899" *6088668" *6317709" *6411927" *5012519" (*((((*5080625" *5937377" *5325318" *5588053" *5963899" *60788668" *6317709" *6411927" *5952957" *5974373" *5981718" *56446634" *5687243" *568927" *5771488" *5766818" *5812970" *5952957" *5574373" *5991718" *56446343" *5687243" *5684965" *5809133" *6188982" *6262943" *6412523" *6523033" *6529033" *6671667" *4633035" *4628529" *4811404" *4768203" *5544250" *56586429" *5511081" *5546459" *5659622" *5687191" *6122384" *6230122" *4250470" *4513426" *5289501" *5483557" *5794199" *5809453" *5978760").pn.  ) 09/651,476) and (@ad @pd @prad)<=20000830) and suppress\$4 and noise and ((signal with noise with ratio) or SNR) and class\$10 and gain ) and (overlap)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 06:45
32	15	\(((("s\opensections" \text{"s983053"} \text{"s983899"} \text{"6088688"} \text{"6317709"} \text{"6411927"} \text{"5012519"} \text{"6097820"} \text{"5528723"} \text{"5752268"} \text{"6032114"} \text{"5688927"} \text{"5774888"} \text{"57968181"} \text{"5981270"} \text{"595255"} \text{"5974373"} \text{-5991718"} \text{"58644634"} \text{-5687243"} \text{-5699133"} \text{"6188982"} \text{-622943"} \text{"6415253"} \text{"6523003"} \text{-6528688"} \text{-659722"} \text{-687166"} \text{"4630305"} \text{"4768203"} \text{"4768203"} \text{-5544250"} \text{-5686425"} \text{-569622"} \text{-6687191"} \text{"6122384"} \text{"6230122"} \text{"4250470"} \text{-4513426"} \text{"5289501"} \text{-5794199"} \text{-5809623"} \text{-5978760"}.pn. \) \( 0.9\text{651,476} \) \( and \( (\text{@ad } \text{@pd } \text{@pd } \text{@pd } \text{@pd } \text{@pd } \text{)} \) \( \text{ad } \text{(signal with noise with } \text{ratio} \) \( \text{ord} \text{ NN} \) \( \text{ and } \text{ lass \$10\$ and gain} \)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 06:45
33	15	) and (overlap part portion) ((((("5806025" "593737" "5325318" "5588053" "5963899" "6088668" "6317709" "6411927" "5012519" "6097820" "5528723" "5752226" "6032114" "5668927" "5771486" "5796818" "5812970" "5952957" "5974373" "5991718" "5644634" "5687243" "5694468" "5809133" "6188982" "6262943" "6415253" "6523003" "6529088" "6591234" "6671667" "4630305" "46268252" "4811404" "4768203" "5544250" "5686429" "5511081" "5546459" "5659622" "5687191" "6122384" "6230122" "4250470" "4513426" "5289501" "5483557" "5794199" "5809453" "5978760"),pn. ) 09/651,476) and (@ad @pd @prad)<-20000830) and suppress\$4 and noise and ((signal with noise with ratio) or SNR) and class\$10 and gain and (overlap part portion window frame sub-frame segment part)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/23 06:45
37	6	) and overlap translation without name submanie	USPAT	2004/03/23 07:12
40	0	1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/23 07:13
41	4	((US-4704730-\$ or US-6523003-\$ or US-5812970-\$ or US-4628529-\$ or US-5937377-\$ or US-4532648-\$).did.) and speech with cod\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/23 07:14

Search History 3/23/04 9:45:41 AM Page 5 C:\APPS\EAST\Workspaces\09651476.wsp

42	6		USPAT;	2004/03/23 07:19
		US-4532648-\$).did.) and (speech with (detect\$4 cod\$4))	US-PGPUB; EPO; JPO; DERWENT;	
45	6		IBM_TDB USPAT;	2004/03/23 07:24
		US-4532648-\$).did.) and (speech with (detect\$4 cod\$4 encod\$4 CELP))	US-PGPUB; EPO; JPO; DERWENT; IBM TDB	
46	6	((US-4704730-\$ or US-6523003-\$ or US-5812970-\$ or US-4628529-\$ or US-5937377-\$ or US-4532648-\$),did.) and (speech with (detect\$4 cod\$4 encod\$4 CELP determin\$6))	USPAT; US-PGPUB:	2004/03/23 07:25
		00-45020-4509, and (speech with (detector could cheeter occi.)	EPO; JPO; DERWENT; IBM TDB	
47	61	"6097820" "5528723" "5752226" "6032114" "5668927" "5771486" "5796818" "5812970" "5952957"	USPAT; US-PGPUB;	2004/03/23 07:47
		"5974373" "5991718" "5644634" "5687243" "5694466" "5609133" "618982" "6262943" "6415253" "6523903" "6529868" "6591234" "6671667" "4630305" "4628529" "4811404" "4768203" "5544250" "5666429" "5511081" "5544250" "5659622" "5687191" "6122384" "6230122" "4250470" "4513426"	EPO; JPO; DERWENT; IBM_TDB	
-		5000429   5511061   5340499   5039022   5067191   6122304   6230122   4230470   4313429     5289501"   5483557"   5794199"   5809453"   5978760").pn.   ) 09/651,476) and (@ad @pd @prad)<=20000830) and (speech with (detect\$4 cod\$4 encod\$4 CELP	I IBM_1DB	
48	14	determin\$6)) (((("5806025" "5937377" "5325318" "5588053" "5963899" "6088668" "6317709" "6411927" "5012519"	USPAT:	2004/03/23 07:27
10	'	"6097820" "5528723" "5752226" "6032114" "5668927" "5771486" "5796818" "5812970" "5952957" "5974373" "5991718" "5644634" "5687243" "5694466" "5809133" "618982" "6262943" "6415253"	US-PGPUB; EPO; JPO;	
		"5523003" "6529868" "6591234" "6671667" "4630305" "4628529" "4811404" "4768203" "5544250" "5666429" "5511081" "5546459" "5659622" "5687191" "6122384" "6230122" "4250470" "4513426"	DERWENT; IBM_TDB	
		"5289501" "5483557" "5794199" "5809453" "5978760").pn. ) 09/651,476) and (@ad @pd @prad) <= 20000830) and (speech with (cod\$4 encod\$4 CELP) with (detect\$4 determin\$6))		
49	14	\(((\(\)^5806025" \cdot \)53237377" \cdot \(\)5325318" \cdot \cdot \)588053" \cdot \(\)5988668" \cdot \(\)6087820" \cdot \(\)528723" \cdot \(\)5097820" \cdot \(\)528723" \cdot \(\)52226" \cdot \(\)6087820" \cdot \(\)528723" \cdot \(\)52226" \cdot \(\)6087820" \cdot \(\)528723" \cdot \(\)52270" \cdot \(\)52295"	USPAT; US-PGPUB;	2004/03/23 07:39
		"5974373" "5991718" "5644634" "5687243" "5694466" "5809133" "6188982" "6262943" "6415253" "6523003" "6529868" "6591234" "6671667" "4630305" "4628529" "4811404" "4768203" "5544250"	EPO; JPO; DERWENT:	
		"5666429" "5511081" "5546459" "5659622" "5687191" "6122384" "6230122" "4250470" "4513426" "5289501" "5483557" "5794199" "5809453" "5978760").pn.	IBM_TDB	
		) 09/651,476) and (@ad @pd @prad)<=20000830) and (speech with (cod\$4 encod\$4 CELP) with (detect\$4 classif\$8 determin\$6))		
50	17	"6097820" "5528723" "5752226" "6032114" "5668927" "5771486" "5796818" "5812970" "5952957"	USPAT; US-PGPUB;	2004/03/23 07:40
		"5974373" "5991718" "5644634" "5687243" "5694466" "5809133" "6188982" "6262943" "6415253" "6523003" "6529868" "6591234" "6671667" "4630305" "4628529" "4811404" "4768203" "5544250"	EPO; JPO; DERWENT;	
		"5666429" "5511081" "5546459" "5659622" "5687191" "6122384" "6230122" "4250470" "4513426" "5289501" "5483557" "5794199" "5809453" "5978760").pn.	IBM_TDB	
		) 09/651,476) and (@ad @pd @prad)<=20000830) and (speech with (cod\$4 encod\$4 CELP) with (detect\$4 classif\$8 determin\$6 character\$8))		

51	3	"5325318" "5588053" "5963899" "6088668" "6317709" "6411927" "50125	USPAT;	2004/03/23 07:40
i		"6097820" "5528723" "5752226" "6032114" "5668927" "5771486" "5796818" "5812970" "5952957"	US-PGPUB;	
		-5974373" "5991718" "5844634" "5687243" "5694466" "5809133" "6188982" "6262943" "6415253"	EPO; JPO;	
l .	1	"6523003" "6529868" "6591234" "6671667" "4630305" "4628529" "4811404" "4768203" "5544250"	DERWENT;	
1	1	"5666429" "5511081" "5546459" "5659622" "5687191" "6122384" "6230122" "4250470" "4513426"	IBM_TDB	ŀ
ł	1	"5289501" "5483557" "5794199" "5809453" "5978760").pn.		
		) 09/651,476) and (@ad @pd @prad) <=20000830) and (speech with (cod\$4 encod\$4 CELP) with (detect\$4		
l	i	classif\$8 determin\$6 character\$8))) not (((("5806025" "5937377" "5325318" "5588053" "5963899" "6088668"		
	1	"6317709" "6411927" "5012519" "6097820" "5528723" "5752226" "6032114" "5668927" "5771486"		
	1	"5796818" "5812970" "5952957" "5974373" "5991718" "5644634" "5687243" "5694466" "5809133"		
		"6188982" "6262943" "6415253" "6523003" "6529868" "6591234" "6671667" "4630305" "4628529"		
	i	"4811404" "4768203" "5544250" "5666429" "5511081" "5546459" "5659622" "5687191" "6122384"		
	1	"6230122" "4250470" "4513426" "5289501" "5483557" "5794199" "5809453" "5978760").pn.		
	1	) 09/651,476) and (@ad @pd @prad)<=20000830) and (speech with (cod\$4 encod\$4 CELP) with (detect\$4		
		classifs8 determin\$6)))		!
52	62	(((("5806025" "5937377" "5325318" "5588053" "5963899" "6088668" "6317709" "6411927" "5012519"	USPAT:	2004/03/23 07:48
[ 52		"6097820" "5528723" "5752226" "6032114" "5668927" "5771486" "5796818" "5812970" "5952957"	US-PGPUB:	
ł	1	"5974373" "5991718" "5644634" "5687243" "5694466" "5809133" "6188982" "6262943" "6415253"	EPO; JPO;	i I
•		"6523003" "6529868" "6591234" "6671667" "4630305" "4628529" "4811404" "4768203" "5544250"	DERWENT:	1
1	i i	"5666429" "5511081" "5546459" "5659622" "5687191" "6122384" "6230122" "4250470" "4513426"	IBM TDB	i i
		"5289501" "5483557" "5794199" "5809453" "5978760").pn.		i
1		) 09/651,476) and (@ad @pd @prad)<=20000830) and ((speech voic\$4) with (parameter detect\$4 cod\$4		1 1
}	1	encod\$4 CELP determin\$6))		1
53	14	(((("5806025" "5937377" "5325318" "5588053" "5963899" "6088668" "6317709" "6411927" "5012519"	USPAT:	2004/03/23 07:48
100	,,	"6097820" "5528723" "5752226" "6032114" "5668927" "5771486" "5796818" "5812970" "5952957"	US-PGPUB:	
ł		"5974373" "5991718" "5644634" "5687243" "5694466" "5809133" "6188982" "6262943" "6415253"	EPO: JPO:	1
i		"6523003" "6529868" "6591234" "6671667" "4630305" "4628529" "4811404" "4768203" "5544250"	DERWENT:	
1		"5666429" "5511081" "5546459" "5659622" "5687191" "6122384" "6230122" "4250470" "4513426"	IBM_TDB	ì
1	1	"5289501" "5483557" "5794199" "5809453" "5978760").pn.		]
1	1	) 09/651,476) and (@ad @pd @prad)<=20000830) and ((speech voic\$4) with (parameter) with ( detect\$4	1	i l
	1	cod\$4 encod\$4 CELP determin\$6))	ĺ	1
1	L	0000   01100   0110		